

FIG. 1

VIRUS	MOI	YIELD (PFU/ML) <sup>a</sup>	
		VERO	S2
ICP8-GFP	3	$9.8 \times 10^4$	$1.5 \times 10^8$
KOS 1.1	3	$8.8 \times 10^8$	$8.5 \times 10^8$
ICP8-GFP	20	$4.6 \times 10^5$	$6.6 \times 10^7$
KOS 1.1	20	$6.8 \times 10^8$	$7.7 \times 10^8$

<sup>a</sup> Determined by plaque assay on S2 cells

FIG. 2

FIG. 3A

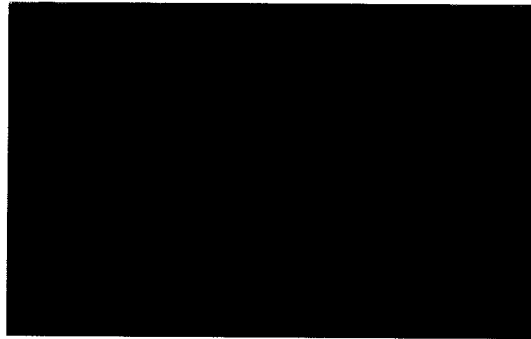


FIG. 3B

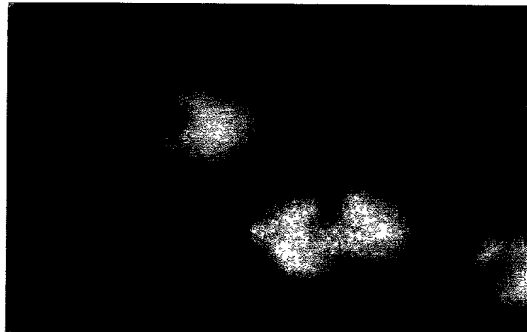


FIG. 3C



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FIG. 4A

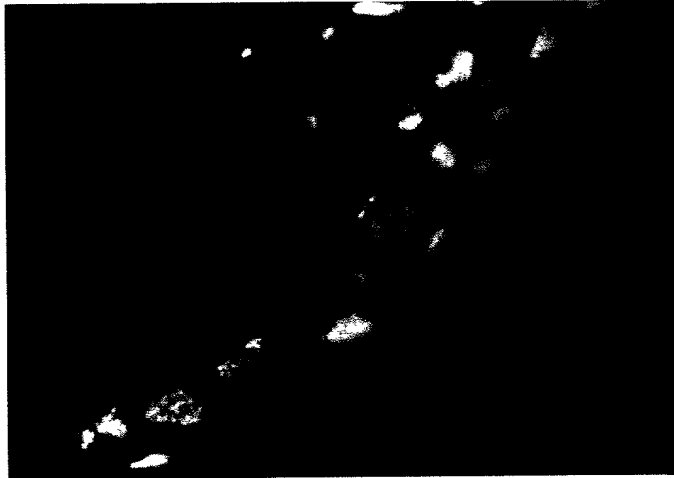
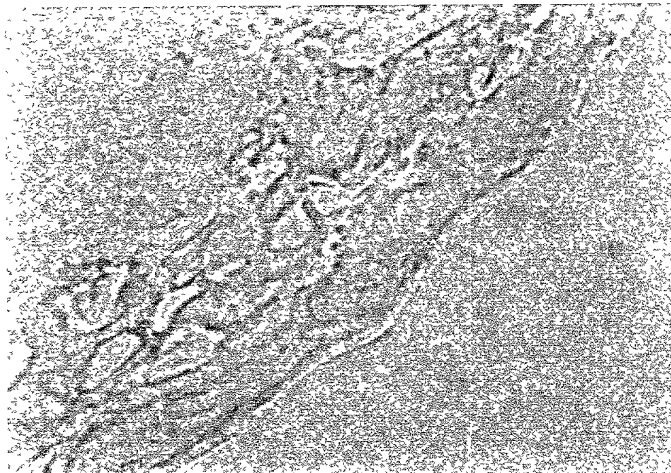


FIG. 4B



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FIG. 5A

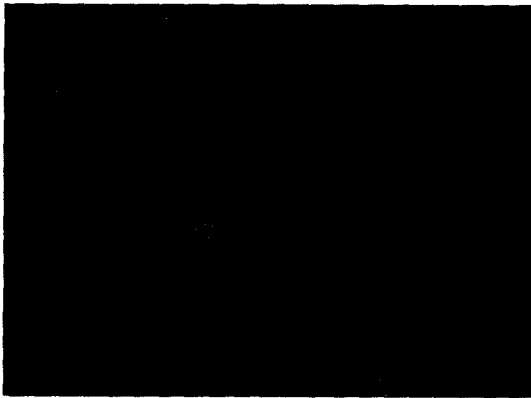


FIG. 5B

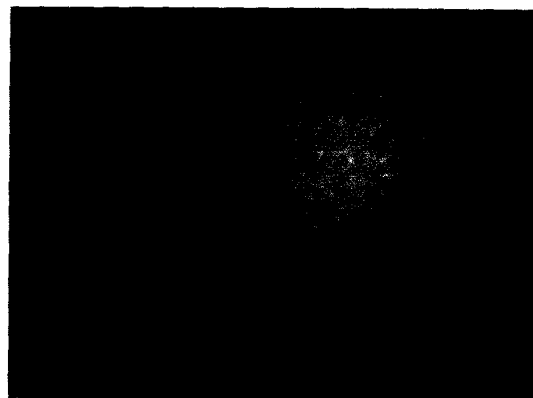
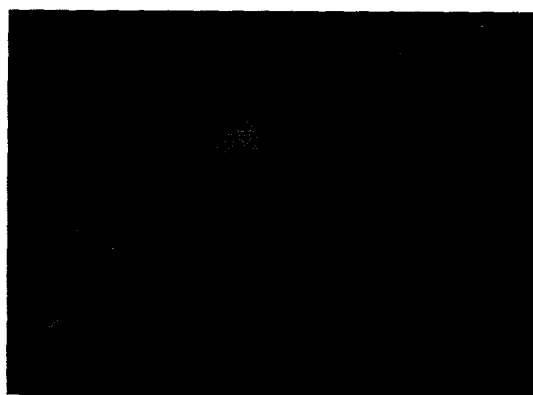


FIG. 5C



FIG. 5D



atg gag aca aag ccc aag acg gca acc acc atc aag gtc ccc ccc ggg 48  
ccc ctg gga tac gtg tac gct cgc gcg tgt ccg tcc gaa ggc atc gag 96  
ctt ctg gcg tta ctg tcg gcg cgc agc ggc gat gcc gac gtc gcc gtg 144  
gcg ccc ctg gtc gtg ggc ctg acc gtg gag agc ggc ttt gag gcc aac 192  
gta gcc gtg gtc gtg ggt tct cgc acg acg ggg ctc ggg ggt acc gcg 240  
gtg tcc ctg aaa ctg acg cca tcg cac tac agc tcg tcc gtg tac gtc 288  
ttt cac ggc ggc cgg cac ctg gac ccc agc acc cag gcc cca aac ctg 336  
acg cga ctc tgc gag cgg gca cgc cgc cat ttt ggc ttt tcg gac tac 384  
acc ccc cgg ccc ggc gac ctc aaa cac gag acg acg ggg gag gcg ctg 432  
tgt gag cgc ctc ggc ctg gac ccg gac cgc gcc ctc ctg tat ctg gtc 480  
gtt acc gag ggc ttc aag gag gcc gtg tgc atc aac aac acc ttt ctg 528  
cac ctg gga ggc tcg gac aag gta acc ata ggc ggg gcg gag gtg cac 576  
cgc ata ccc gtg tat ccg ttg cag ctg ttc atg ccg gat ttt agc cgg 624  
gtc atc gcc gag ccg ttc aac gcc aac cac cga tcg atc ggg gag aat 672  
ttt acc tac ccg ctt ccg ttt ttt aac cgc ccc ctc aac cgc ctc ctg 720  
ttc gag gcg gtc gtg gga ccc gcc gcc gtg gca ctg cga tgc cga aac 768  
gtg gac gcc gtg gcc cgc gcg gcc gcc cac ctg gcg ttt gac gaa aac 816  
cac gag ggc gcc gcc ctc ccc gcc gac att acg ttc acg gcc ttc gaa 864  
gcc agc cag ggt aag acc ccg cgg ggt ggg cgc gac ggc ggc ggc aag 912  
ggc ccg gcg ggc ggg ttc gaa cag cgc ctg gcc tcc gtc atg gcc gga 960  
gac gcc gcc ctg gcc ctc gag tct atc gtg tcg atg gcc gtc ttc gac 1008  
gag ccg ccc acc gac atc tcc gcg tgg ccg ctg tgc gag ggc cag gac 1056  
acg gcc gcg gcc cgc gcc aac gcc gtc ggg gcg tac ctg gcg cgc gcc 1104  
gcg gga ctc gtg ggg gcc atg gta ttt agc acc aac tcg gcc ctc cat 1152  
ctc acc gag gtg gac gac gcc ggt ccg gcg gac cca aag gac cac agc 1200  
aaa ccc tcc ttt tac cgc ttc ttc ctc gtg ccc ggg acc cac gtg gcg 1248  
gcc aac cca cag gtg gac cgc gag gga cac gtg gtg ccc ggg ttc gag 1296  
ggt cgg ccc acc gcg ccc ctc gtc ggc gga acc cag gaa ttt gcc ggc 1344  
gag cac ctg gcc atg ctg tgt ggg ttt tcc ccg gcg ctg ctg gcc aag 1392  
atg ctg ttt tac ctg gag cgc tgc gac ggc ggc gtg atc gtc ggg cgc 1440

FIG. 6A

cag gag atg gac gtg ttt cga tac gtc gcg gac tcc aac cag acc gac	1488
gtg ccc tgc aac ctg tgc acc ttc gac acg cgc cac gcc tgc gta cac	1536
acg acg ctc atg cgc ctc cgg gcg cgc cat ccc aag ttc gcc agc gcc	1584
gcc cgc gga gcc atc ggc gtc ttc ggg acc atg aac agc atg tac agc	1632
gac tgc gac gtg ctg gga aac tac gcc gcc ttc tcg gcc ctg aag cgc	1680
gcg gac gga tcc gag acc gcc cgg acc atc atg cag gag acg tac cgc	1728
gcg gcg acc gag cgc gtc atg gcc gaa ctc gag acc ctg cag tac gtg	1776
gac gag gcg gtc ccc acg gcc atg ggg cgg ctg gag acc atc atc acc	1824
aac cgc gag gcc ctg cat acg gtg gtg aac aac gtc agg cag gtc gtg	1872
gac cgc gag gtg gag cag ctg atg cgc aac ctg gtg gag ggg agg aac	1920
ttc aag ttt cgc gac ggt ctg ggc gag gcc aac cac gcc atg tcc ctg	1968
acg ctg gac ccg tac gcg tgc ggg cca tgc ccc ctg ctt cag ctt ctc	2016
ggg cgg cga tcc aac ctc gcc gtg tat cag gac ctg gcc ctg agc cag	2064
tgc cac ggg gtg ttc gcc ggg cag tcg gtc gag ggg cgc aac ttt cgc	2112
aat caa ttc caa ccg gtg ctg cgg cgg cgc gtg atg gac atg ttt aac	2160
aac ggg ttt ctg tcg gcc aaa acg ctg acg gtc gcg ctc tcg gag ggg	2208
gcg gct atc tgc gcc ccc agc cta acg gcc ggc cag acg gcc ccc gcc	2256
gag agc agc ttc gag ggc gac gtt gcc cgc gtg acc ctg ggg ttt ccc	2304
aag gag ctg cgc gtc aag agc cgc gtg ttg ttc gcg ggc gcg agc gcc	2352
aac gcg tcc gag gcc gcc aag gcg cgg gtc gcc agc ctc cag agc gcc	2400
tac cag aag ccc gac aag cgc gtg gac atc ctc ctc gga ccg ctg ggc	2448
ttt ctg ctg aag cag ttc cac gcg gcc atc ttc ccc aac ggc aag ccc	2496
ccg ggg tcc aac cag ccg aac ccg cag tgg ttc tgg acg gcc ctc caa	2544
cgc aac cag ctt ccc gcc cgg ctc ctg tcg cgc gag gac atc gag acc	2592
atc gcg ttc att aaa aag ttt tcc ctg gac tac ggc gcg ata aac ttt	2640
att aac ctg gcc ccc aac aac gtg agc gag ctg gcg atg tac tac atg	2688
gca aac cag att ctg cgg tac tgc gat cac tcg aca tac ttc atc aac	2736
acc ctc acg gcc atc atc gcg ggg tcc cgc cgt ccc ccc agc gtg cag	2784
gcg gcg gcc gcg tgg tcc gcg cag ggc ggg gcg ggc ctg gag gcc ggg	2832
gcc cgc gcg ctg atg gac gcc gtg gac gcg cat ccg ggc gcg tgg acg	2880
tcc atg ttc gcc agc tgc aac ctg ctg cgg ccc gtc atg gcg gcg cgc	2928

FIG. 6B

ccc atg gtc gtg ttg ggg ttg agc atc agc aaa tac tac ggc atg gcc 2976  
 ggc aac gac cgt gtg ttt cag gcc ggg aac tgg gcc agc ctg atg ggc 3024  
 ggc aaa aac gcg tgc ccg ctc ctt att ttt gac cgc acc cgc aag ttc 3072  
 gtc ctg gcc tgt ccc cgg gcc ggg ttt gtg tgc gcg gcc tcg aac ctc 3120  
 ggc ggc gga gcg cac gaa agc tcg ctg tgc gag cag ctc cgg ggc att 3168  
 atc tcc gag ggc ggg gcg gcc gtc gcc agt agc gtg ttc gtg gcg acc 3216  
 gtg aaa agc ctg ggg ccc cgc acc cag cag ctg cag atc gag gac tgg 3264  
 ctg gcg ctc ctg gag gac gag tac cta agc gag gag atg atg gag ctg 3312  
 acc gcg cgt gcc ctg gag cgc ggc aac ggc gag tgg tcg acg gac gcg 3360  
 gcc ctg gag gtg gcg cac gag gcc gag gcc cta gtc agc caa ctc ggc 3408  
 aac gcc ggg gag gtg ttt aac ttt ggg gat ttt ggc tgc gag gac gac 3456  
 aac gcg acg ccg ttc ggc ggc ccg ggg gcc ccg gga ccg gca ttt gcc 3504  
 ggc cgc aaa cgg gcg ttc cac ggg gat gac ccg ttt ggg gag ggg ccc 3552  
 ccc gac aaa aag gga gac ctg acg ttg gat atg ctg aga ggg gtt ggg 3600  
 ggg tgg ggg aac cta gag tcg acc cgg gcg gcc gcc gcc acc atg agc 3648  
 aag ggc gag gaa ctg ttc act ggc gtg gtc cca att ctc gtg gaa ctg 3696  
 gat ggc gat gtg aat ggg cac aaa ttt tct gtc agc gga gag ggt gaa 3744  
 ggt gat gcc aca tac gga aag ctc acc ctg aaa ttc atc tgc acc act 3792  
 gga aag ctc cct gtg cca tgg cca aca ctg gtc act acc ttc acc tat 3840  
 ggc gtg cag tgc ttt tcc aga tac cca gac cat atg aag cag cat gac 3888  
 ttt ttc aag agc gcc atg ccc gag ggc tat gtg cag gag aga acc atc 3936  
 ttt ttc aaa gat gac ggg aac tac aag acc cgc gct gaa gtc aag ttc 3984  
 gaa ggt gac acc ctg gtg aat aga atc gag ttg aag ggc att gac ttt 4032  
 aag gaa gat gga aac att ctc ggc cac aag ctg gaa tac aac tat aac 4080  
 tcc cac aat gtg tac atc atg gcc gac aag caa aag aat ggc atc aag 4128  
 gtc aac ttc aag atc aga cac aac att gag gat gga tcc gtg cag ctg 4176  
 gcc gac cat tat caa cag aac act cca atc ggc gac ggc cct gtg ctc 4224  
 ctc cca gac aac cat tac ctg tcc acc cag tct gcc ctg tct aaa gat 4272  
 ccc aac gaa aag aga gac cac atg gtc ctg ctg gag ttt gtg acc gct 4320  
 gct ggg atc aca cat ggc atg gac gag ctg tac aag tga 4359

FIG. 6C



Met	Glu	Thr	Lys	Pro	Lys	Thr	Ala	Thr	Thr	Ile	Lys	Val	Pro	Pro	Gly
1				5				10					15		
Pro	Leu	Gly	Tyr	Val	Tyr	Ala	Arg	Ala	Cys	Pro	Ser	Glu	Gly	Ile	Glu
			20					25				30			
Leu	Leu	Ala	Leu	Leu	Ser	Ala	Arg	Ser	Gly	Asp	Ala	Asp	Val	Ala	Val
		35					40					45			
Ala	Pro	Leu	Val	Val	Gly	Leu	Thr	Val	Glu	Ser	Gly	Phe	Glu	Ala	Asn
	50					55				60					
Val	Ala	Val	Val	Val	Gly	Ser	Arg	Thr	Thr	Gly	Leu	Gly	Gly	Thr	Ala
65					70					75					80
Val	Ser	Leu	Lys	Leu	Thr	Pro	Ser	His	Tyr	Ser	Ser	Ser	Val	Tyr	Val
			85						90					95	
Phe	His	Gly	Gly	Arg	His	Leu	Asp	Pro	Ser	Thr	Gln	Ala	Pro	Asn	Leu
			100					105					110		
Thr	Arg	Leu	Cys	Glu	Arg	Ala	Arg	Arg	His	Phe	Gly	Phe	Ser	Asp	Tyr
		115					120					125			
Thr	Pro	Arg	Pro	Gly	Asp	Leu	Lys	His	Glu	Thr	Thr	Gly	Glu	Ala	Leu
	130					135						140			
Cys	Glu	Arg	Leu	Gly	Leu	Asp	Pro	Asp	Arg	Ala	Leu	Leu	Tyr	Leu	Val
145					150					155					160
Val	Thr	Glu	Gly	Phe	Lys	Glu	Ala	Val	Cys	Ile	Asn	Asn	Thr	Phe	Leu
				165					170					175	
His	Leu	Gly	Gly	Ser	Asp	Lys	Val	Thr	Ile	Gly	Gly	Ala	Glu	Val	His
			180					185					190		
Arg	Ile	Pro	Val	Tyr	Pro	Leu	Gln	Leu	Phe	Met	Pro	Asp	Phe	Ser	Arg
		195					200					205			
Val	Ile	Ala	Glu	Pro	Phe	Asn	Ala	Asn	His	Arg	Ser	Ile	Gly	Glu	Asn
	210					215					220				
Phe	Thr	Tyr	Pro	Leu	Pro	Phe	Phe	Asn	Arg	Pro	Leu	Asn	Arg	Leu	Leu
225					230					235					240
Phe	Glu	Ala	Val	Val	Gly	Pro	Ala	Ala	Val	Ala	Leu	Arg	Cys	Arg	Asn
				245					250					255	
Val	Asp	Ala	Val	Ala	Arg	Ala	Ala	Ala	His	Leu	Ala	Phe	Asp	Glu	Asn
			260					265					270		
His	Glu	Gly	Ala	Ala	Leu	Pro	Ala	Asp	Ile	Thr	Phe	Thr	Ala	Phe	Glu
		275					280					285			
Ala	Ser	Gln	Gly	Lys	Thr	Pro	Arg	Gly	Gly	Arg	Asp	Gly	Gly	Gly	Lys
	290					295					300				
Gly	Pro	Ala	Gly	Gly	Phe	Glu	Gln	Arg	Leu	Ala	Ser	Val	Met	Ala	Gly
305					310					315					320
Asp	Ala	Ala	Leu	Ala	Leu	Glu	Ser	Ile	Val	Ser	Met	Ala	Val	Phe	Asp
				325					330					335	
Glu	Pro	Pro	Thr	Asp	Ile	Ser	Ala	Trp	Pro	Leu	Cys	Glu	Gly	Gln	Asp
			340					345					350		
Thr	Ala	Ala	Ala	Arg	Ala	Asn	Ala	Val	Gly	Ala	Tyr	Leu	Ala	Arg	Ala
		355					360					365			
Ala	Gly	Leu	Val	Gly	Ala	Met	Val	Phe	Ser	Thr	Asn	Ser	Ala	Leu	His
	370					375					380				
Leu	Thr	Glu	Val	Asp	Asp	Ala	Gly	Pro	Ala	Asp	Pro	Lys	Asp	His	Ser
385					390					395					400
Lys	Pro	Ser	Phe	Tyr	Arg	Phe	Phe	Leu	Val	Pro	Gly	Thr	His	Val	Ala
				405					410					415	

FIG. 7A

Ala	Asn	Pro	Gln	Val	Asp	Arg	Glu	Gly	His	Val	Val	Pro	Gly	Phe	Glu	420	425	430
Gly	Arg	Pro	Thr	Ala	Pro	Leu	Val	Gly	Gly	Thr	Gln	Glu	Phe	Ala	Gly	435	440	445
Glu	His	Leu	Ala	Met	Leu	Cys	Gly	Phe	Ser	Pro	Ala	Leu	Leu	Ala	Lys	450	455	460
Met	Leu	Phe	Tyr	Leu	Glu	Arg	Cys	Asp	Gly	Gly	Val	Ile	Val	Gly	Arg	465	470	475
Gln	Glu	Met	Asp	Val	Phe	Arg	Tyr	Val	Ala	Asp	Ser	Asn	Gln	Thr	Asp	485	490	495
Val	Pro	Cys	Asn	Leu	Cys	Thr	Phe	Asp	Thr	Arg	His	Ala	Cys	Val	His	500	505	510
Thr	Thr	Leu	Met	Arg	Leu	Arg	Ala	Arg	His	Pro	Lys	Phe	Ala	Ser	Ala	515	520	525
Ala	Arg	Gly	Ala	Ile	Gly	Val	Phe	Gly	Thr	Met	Asn	Ser	Met	Tyr	Ser	530	535	540
Asp	Cys	Asp	Val	Leu	Gly	Asn	Tyr	Ala	Ala	Phe	Ser	Ala	Leu	Lys	Arg	545	550	555
Ala	Asp	Gly	Ser	Glu	Thr	Ala	Arg	Thr	Ile	Met	Gln	Glu	Thr	Tyr	Arg	565	570	575
Ala	Ala	Thr	Glu	Arg	Val	Met	Ala	Glu	Leu	Glu	Thr	Leu	Gln	Tyr	Val	580	585	590
Asp	Gln	Ala	Val	Pro	Thr	Ala	Met	Gly	Arg	Leu	Glu	Thr	Ile	Ile	Thr	595	600	605
Asn	Arg	Glu	Ala	Leu	His	Thr	Val	Val	Asn	Asn	Val	Arg	Gln	Val	Val	610	615	620
Asp	Arg	Glu	Val	Glu	Gln	Leu	Met	Arg	Asn	Leu	Val	Glu	Gly	Arg	Asn	625	630	635
Phe	Lys	Phe	Arg	Asp	Gly	Leu	Gly	Glu	Ala	Asn	His	Ala	Met	Ser	Leu	645	650	655
Thr	Leu	Asp	Pro	Tyr	Ala	Cys	Gly	Pro	Cys	Pro	Leu	Leu	Gln	Leu	Leu	660	665	670
Gly	Arg	Arg	Ser	Asn	Leu	Ala	Val	Tyr	Gln	Asp	Leu	Ala	Leu	Ser	Gln	675	680	685
Cys	His	Gly	Val	Phe	Ala	Gly	Gln	Ser	Val	Glu	Gly	Arg	Asn	Phe	Arg	690	695	700
Asn	Gln	Phe	Gln	Pro	Val	Leu	Arg	Arg	Arg	Val	Met	Asp	Met	Phe	Asn	705	710	715
Asn	Gly	Phe	Leu	Ser	Ala	Lys	Thr	Leu	Thr	Val	Ala	Leu	Ser	Glu	Gly	725	730	735
Ala	Ala	Ile	Cys	Ala	Pro	Ser	Leu	Thr	Ala	Gly	Gln	Thr	Ala	Pro	Ala	740	745	750
Glu	Ser	Ser	Phe	Glu	Gly	Asp	Val	Ala	Arg	Val	Thr	Leu	Gly	Phe	Pro	755	760	765
Lys	Glu	Leu	Arg	Val	Lys	Ser	Arg	Val	Leu	Phe	Ala	Gly	Ala	Ser	Ala	770	775	780
Asn	Ala	Ser	Glu	Ala	Ala	Lys	Ala	Arg	Val	Ala	Ser	Leu	Gln	Ser	Ala	785	790	795
Tyr	Gln	Lys	Pro	Asp	Lys	Arg	Val	Asp	Ile	Leu	Leu	Gly	Pro	Leu	Gly	805	810	815
Phe	Leu	Leu	Lys	Gln	Phe	His	Ala	Ala	Ile	Phe	Pro	Asn	Gly	Lys	Pro	820	825	830
Pro	Gly	Ser	Asn	Gln	Pro	Asn	Pro	Gln	Trp	Phe	Trp	Thr	Ala	Leu	Gln	835	840	845
Arg	Asn	Gln	Leu	Pro	Ala	Arg	Leu	Leu	Ser	Arg	Glu	Asp	Ile	Glu	Thr	850	855	860

FIG. 7B

Ile	Ala	Phe	Ile	Lys	Lys	Phe	Ser	Leu	Asp	Tyr	Gly	Ala	Ile	Asn	Phe	
865					870					875					880	
Ile	Asn	Leu	Ala	Pro	Asn	Asn	Val	Ser	Glu	Leu	Ala	Met	Tyr	Tyr	Met	
				885					890						895	
Ala	Asn	Gln	Ile	Leu	Arg	Tyr	Cys	Asp	His	Ser	Thr	Tyr	Phe	Ile	Asn	
			900					905					910			
Thr	Leu	Thr	Ala	Ile	Ile	Ala	Gly	Ser	Arg	Arg	Pro	Pro	Ser	Val	Gln	
		915					920					925				
Ala	Ala	Ala	Ala	Trp	Ser	Ala	Gln	Gly	Gly	Ala	Gly	Leu	Glu	Ala	Gly	
		930				935					940					
Ala	Arg	Ala	Leu	Met	Asp	Ala	Val	Asp	Ala	His	Pro	Gly	Ala	Trp	Thr	
945					950					955					960	
Ser	Met	Phe	Ala	Ser	Cys	Asn	Leu	Leu	Arg	Pro	Val	Met	Ala	Ala	Arg	
				965					970						975	
Pro	Met	Val	Val	Leu	Gly	Leu	Ser	Ile	Ser	Lys	Tyr	Tyr	Gly	Met	Ala	
			980					985					990			
Gly	Asn	Asp	Arg	Val	Phe	Gln	Ala	Gly	Asn	Trp	Ala	Ser	Leu	Met	Gly	
		995					1000						1005			
Gly	Lys	Asn	Ala	Cys	Pro	Leu	Leu	Ile	Phe	Asp	Arg	Thr	Arg	Lys	Phe	
	1010					1015					1020					
Val	Leu	Ala	Cys	Pro	Arg	Ala	Gly	Phe	Val	Cys	Ala	Ala	Ser	Asn	Leu	
1025					1030					1035					1040	
Gly	Gly	Gly	Ala	His	Glu	Ser	Ser	Leu	Cys	Glu	Gln	Leu	Arg	Gly	Ile	
				1045					1050					1055		
Ile	Ser	Glu	Gly	Gly	Ala	Ala	Val	Ala	Ser	Ser	Val	Phe	Val	Ala	Thr	
			1060					1065					1070			
Val	Lys	Ser	Leu	Gly	Pro	Arg	Thr	Gln	Gln	Leu	Gln	Ile	Glu	Asp	Trp	
		1075				1080						1085				
Leu	Ala	Leu	Leu	Glu	Asp	Glu	Tyr	Leu	Ser	Glu	Glu	Met	Met	Glu	Leu	
	1090				1095					1100						
Thr	Ala	Arg	Ala	Leu	Glu	Arg	Gly	Asn	Gly	Glu	Trp	Ser	Thr	Asp	Ala	
1105				1110						1115					1120	
Ala	Leu	Glu	Val	Ala	His	Glu	Ala	Glu	Ala	Leu	Val	Ser	Gln	Leu	Gly	
			1125					1130						1135		
Asn	Ala	Gly	Glu	Val	Phe	Asn	Phe	Gly	Asp	Phe	Gly	Cys	Glu	Asp	Asp	
		1140						1145					1150			
Asn	Ala	Thr	Pro	Phe	Gly	Gly	Pro	Gly	Ala	Pro	Gly	Pro	Ala	Phe	Ala	
		1155					1160					1165				
Gly	Arg	Lys	Arg	Ala	Phe	His	Gly	Asp	Asp	Pro	Phe	Gly	Glu	Gly	Pro	
	1170				1175						1180					
Pro	Asp	Lys	Lys	Gly	Asp	Leu	Thr	Leu	Asp	Met	Leu	Arg	Gly	Val	Gly	
1185				1190						1195					1200	
Gly	Trp	Gly	Asn	Leu	Glu	Ser	Thr	Arg	Ala	Ala	Ala	Ala	Thr	Met	Ser	
			1205					1210						1215		
Lys	Gly	Glu	Glu	Leu	Phe	Thr	Gly	Val	Val	Pro	Ile	Leu	Val	Glu	Leu	
		1220					1225					1230				
Asp	Gly	Asp	Val	Asn	Gly	His	Lys	Phe	Ser	Val	Ser	Gly	Glu	Gly	Glu	
	1235					1240					1245					
Gly	Asp	Ala	Thr	Tyr	Gly	Lys	Leu	Thr	Leu	Lys	Phe	Ile	Cys	Thr	Thr	
	1250				1255						1260					
Gly	Lys	Leu	Pro	Val	Pro	Trp	Pro	Thr	Leu	Val	Thr	Thr	Phe	Thr	Tyr	
1265				1270						1275					1280	
Gly	Val	Gln	Cys	Phe	Ser	Arg	Tyr	Pro	Asp	His	Met	Lys	Gln	His	Asp	
			1285					1290					1295			
Phe	Phe	Lys	Ser	Ala	Met	Pro	Glu	Gly	Tyr	Val	Gln	Glu	Arg	Thr	Ile	
			1300					1305					1310			
Phe	Phe	Lys	Asp	Asp	Gly	Asn	Tyr	Lys	Thr	Arg	Ala	Glu	Val	Lys	Phe	
	1315						1320						1325			

FIG. 7C

Glu Gly Asp Thr Leu Val Asn Arg Ile Glu Leu Lys Gly Ile Asp Phe  
1330 1335 1340  
Lys Glu Asp Gly Asn Ile Leu Gly His Lys Leu Glu Tyr Asn Tyr Asn  
1345 1350 1355 1360  
Ser His Asn Val Tyr Ile Met Ala Asp Lys Gln Lys Asn Gly Ile Lys  
1365 1370 1375  
Val Asn Phe Lys Ile Arg His Asn Ile Glu Asp Gly Ser Val Gln Leu  
1380 1385 1390  
Ala Asp His Tyr Gln Gln Asn Thr Pro Ile Gly Asp Gly Pro Val Leu  
1395 1400 1405  
Leu Pro Asp Asn His Tyr Leu Ser Thr Gln Ser Ala Leu Ser Lys Asp  
1410 1415 1420  
Pro Asn Glu Lys Arg Asp His Met Val Leu Leu Glu Phe Val Thr Ala  
1425 1430 1435 1440  
Ala Gly Ile Thr His Gly Met Asp Glu Leu Tyr Lys  
1445 1450

FIG. 7D

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